

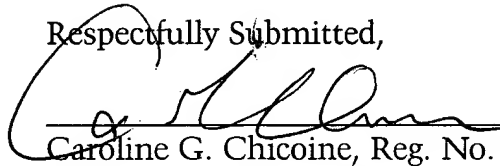
The Examiner has rejected claims 1-20 as being directed toward non-statutory subject matter. Applicant has amended the claims to limit them to a practical application that produces concrete and tangible results.

It is well founded that the use of an algorithm to transform representations of physical things is patentable. *In re Trovato*, 42 F.3d 1376 (Fed. Cir. 1994). For example, in independent claim 1, as amended herein, the method is now recited to comprise receiving input data representing items of known classification, and transforming such data in a manner to generate a scale having a plurality of values indicative of the authentic or spurious nature of the unclassified item and from which the item of unknown classification can be classified. The values of the normalized scale produced by the steps of claim 1 are physical things (e.g., representative of the authentic or spurious nature of the item being classified), just as the electrocardiograph signals in *Arrhythmia Research Technology, Inc. v. Corazonix Corp.*, 958 F.2d 1053 (Fed. Cir. 1992) were representative of human cardiac activity.

For the reasons set forth above, Applicant believes that claims 1-20 are now directed to patentable subject matter and that a full and complete response has been made to the outstanding Office Action and as such, the present application is condition for allowance. If the Examiner believes for any reason that personal communication would expedite prosecution of this application, he is invited to telephone the undersigned at the number below.

Prompt and favorable consideration of this Amendment and remarks is respectfully requested.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Caroline G. Chicoine", is written over a horizontal line.

Caroline G. Chicoine, Reg. No. 38,198

Thompson Coburn LLP

One US Bank Plaza

St. Louis, Missouri 63101

Telephone: 314-552-6499

Fax:: 314-552-7499